Jameco Part number 136653

ULTRASONIC SENSOR (TRANSMITTER / RECEIVER USE)

MODEL NO.: 40TR16F (CASE:ALUMINUM/FLOWER)

MODEL NO.: 40TR16P (CASE:PLASTIC/BLACK)

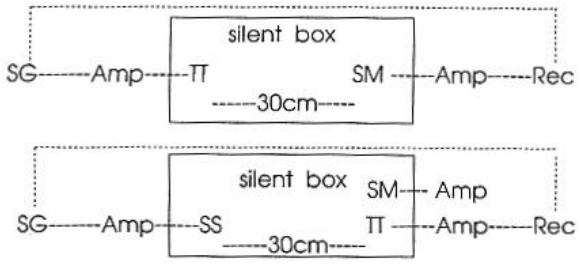
TRANSMITTER UNIT:

. Center Frequency (KHz)	: 40.0±1.0
. Sound Pressure Level (0 dB=0.0002 µbar)	: 119dB/40±1.0KH /10V SN/30cm/Min.
. Band Width (KHz) Min.	: 4.0 / 112 dB
. Capacitance (PF)	: 2000 ± 30%

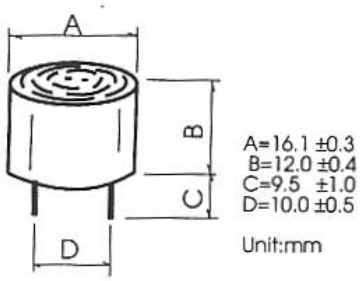
RECEIVER UNIT:

. Center Frequency (KHz)	: 40.0 ± 1.0
. Sensitivity Min. (O dB vs IV µbar)	: 65dB/40 ± 1.0KH (R=3.9KO)
. Band Width (KHz) Min.	: 3.5 / (at -71 dB)
. Capacitance (PF)	: 2000 ± 30%

• TEST CIRCUIT :



OUTLINE DIMENSION:



TT : test transducer
Rec : recorder
SM : std.microphone
Amp : amplifier
SG : signal generator

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Rec : recorder
SM : std.microphone
Amp : amplifier
SG : signal generator
SS : std.speaker
R : resistance